

CCR # 96-1017A

Table 2: Req_By_Rel Requirement Modification Table**RTM baseline 07-31-96**

RBR_id	req_key	req_categor y	segme nt	req_type	s_verif_met hod	s_verif_stat	a_verif_m ethod	a_verif_stat	text	interpretation text	clarificatio n
IMS-0120#A	6474	mission essential	SDPS	functiona l	inspection	un-verified	demo	un-verified	The IMS shall provide, dependent upon the user's display device capabilities, a user-friendly interface with the following features at a minimum: a. Multiple window display b. Buttons and pull down menus c. Valid lists for all variables d. An information base of associations between variables (e.g., between instruments and geophysical parameters) f. Context-sensitive help g. Minimal and consistent use of non-standard keys h. Random movement through fields j. Standardized use of commands and terminology across screens k. Self-explanatory, meaningful error messages l. Automatic acronym expansion, which can be enabled and disabled interactively m. Availability of a menu tree diagram n. Command language	<u>Only a,b,f,g,h,j,k are supported in Release A</u> A: VALID LISTS FOR VARIABLES FOR ASTER PRODUCTS NOT AVAILABLE	

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Table 3: Level 4 Requirement Modification Table

RTM baseline 07-31-96

L4 id	req_key	rel	req_type	req_status	ver_method	ver_Status	clarification	text
S-DSS-04600	3542	A	functional	approved	demo	<u>un-verified</u>		The SDSRV CI shall update the Metadata for a data item whenever an unexpected loss occurs, <u>or for restoration of data</u> .
S-DSS-10150	3591	A	functional	approved	demo	<u>un-verified</u>		The DDSRV CI shall be capable of receiving instrument <u>and product</u> specifications
S-DSS-10180	3594	A	functional	approved	demo	<u>un-verified</u>		The DDSRV CI shall provide the capability to receive data describing subsetting, subsampling, <u>inventory search</u> , and transformation options available for a given data set.
S-DSS-10210	3603	A	functional	approved	demo	<u>un-verified</u>		The DDSRV CI shall receive <u>and maintain</u> information that describes spacecraft-housekeeping and Ancillary Data parameters stored in the Science Data Server.
S-CLS-10620	9550	A	functional	incremental	demo	<u>un-verified</u>		The WKBCH CI shall provide users the capability to view documentation ingested in any of the following document formats: a) PostScript, b) ASCII, c) Hypertext Markup Language (HTML), d) Microsoft Word, e) WordPerfect, f) Adobe Acrobat Portable Document Format (PDF), g) Interleaf.
S-CLS-10750	2561	A	functional	incremental	demo	<u>un-verified</u>		The WKBCH CI shall provide users a search and results interface to search for and view Inventory information <u>based on core metadata attributes</u> .
S-CLS-10990	2610	A	functional	incremental	demo	<u>un-verified</u>		The WKBCH CI shall provide users the capability to specify the content of <u>Data Product Requests which shall contain the Requester Identification, Dataset identifier, Distribution</u>

								<u>instructions, and media requirements.</u>
S-CLS-13410	2500	A	functional	incremental	demo	<u>un-verified</u>		The WKBCH CI shall display the results of user validation to the user if user validation is denied. 4.1.2.3 User Sessions
S-CLS-15670	4909	A	functional	incremental	demo	<u>un-verified</u>		The WKBCH CI shall provide an interface for users to issue data searches and requests using the V0 IMS protocol, obtain data products from the V0 system.
S-IOS-00030	2797	A	functional	incremental	demo	<u>un-verified</u>		The ADSRV CI Advertising shall contain and maintain information that describes EOSDIS science data sets and services in addition to external provider data and services.
S-IOS-00730	9846	A	functional	<u>incremental</u>	demo	<u>un-verified</u>		The ADSRV CI shall allow advertisements of services that can be accessed via the WWW.
C-ISS-01350	-9847	A	interface	<u>incremental</u>	demo	<u>un-verified</u>		The ISS shall provide a dial-up service via an ISP (Internet Service Provider) so that ECS WWW based services can be accessed by authorized users.
S-DMS-30361	CCR 96-0976	A	functional	incremental	demo	<u>un-verified</u>		The GTWAY CI shall have the capability to send Directory Search Requests results to the ECS Client using Version 0 system protocols

CCR # 96-1017A**Table 4: Level 4 Requirement Deletion Table**

RTM baseline 07-31-96

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	clarification	text
S-CLS-13440	2494	A	functional	incremental	demo			The WKBCH CI shall provide registered users access to ECS services based on their account priorities and authorized user services.
S-CLS-15740	4918	A	functional	incremental	demo			The WKBCH CI shall restrict users' access to data and services for which the users lack

						sufficient priviledges.
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CCR # 96-1017A**Table 5: Level 4 Requirement Addition Table**

RTM baseline 07-31-96

L4 id	req_key	rel	req_type	req_status	ver_met hod	ver_statu s	clarificati on	text
S-IOS-00885	New	A	functional	approved	demo	un-verified		The ADSRV CI shall support the Release A Core Meta Data Model for directory level data.
S-DSS-10075	New	A	functional	approved	demo	un-verified		The DDSRV CI shall support the Release A Core Meta Data Model for document data.
S-DSS-04645	New	A	functional	approved	demo	un-verified		The SDSRV CI shall support the Release A Core Meta Data Model for science data.
S-CLS-16001	New	A	functional	incremental	demo	un-verified		The GTWAY shall have the capability to receive User Authentication Information from the ECS Client using V0 system protocols for each service request.
S-CLS-16011	New	A	functional	incremental	demo	un-verified		The GTWAY CI shall request user profile information from the MSS based on the authenticator information.
S-CLS-16030	New	A	functional	incremental	demo	un-verified		The GTWAY shall log the user into the Distributive Computing Environment (DCE) using user profile information received from MSS.
S-CLS-16040	New	A	functional	incremental	demo	un-verified		The WKBCH CI shall provide users with initial authorized services.
S-CLS-16050	New	A	functional	incremental	demo	un-verified		The WKBCH CI shall identify unregistered users to ECS as such when performing the DCE login using a DCE login identifier reserved for that purpose by the SMC.
S-CLS-16080	New	A	interface	incremental	demo	un-		The DESKT CI shall provide, but

					<u>verified</u>		<u>not limited to, prompts, dialog boxes, select lists, and information boxes to support interactive sessions.</u>
S-CLS-16085	New	A	interface	<u>ncremental</u>	<u>demo</u>	<u>un-verified</u>	The DESKT shall support a client-server interface.
S-CLS-16990	New	A	functional	<u>incremental</u>	<u>demo</u>	<u>un-verified</u>	The WKBCH CI shall provide a capability for users to send inventory search request to the NOAA SAA.
S-CLS-17000	New	A	functional	incremental	<u>demo</u>	<u>un-verified</u>	The WKBCH CI shall provide a capability for users to receive inventory search results from the NOAA SAA.
S-CLS-17010	New	A	functional	<u>incremental</u>	<u>demo</u>	<u>un-verified</u>	The WKBCH CI shall provide a capability for users to send directory search request to the NOAA SAA.
S-CLS-17020	New	A	functional	<u>incremental</u>	<u>demo</u>	<u>un-verified</u>	The WKBCH CI shall provide a capability for users to receive directory search results from the NOAA SAA.
S-CLS-17030	New	A	functional	<u>incremental</u>	<u>demo</u>	<u>un-verified</u>	The WKBCH CI shall provide a capability for users to send request for browse products to the NOAA SAA.
S-CLS-17040	New	A	functional	<u>incremental</u>	<u>demo</u>	<u>un-verified</u>	The WKBCH CI shall provide a capability for users to receive browse results from the NOAA SAA.
S-CLS-17050	New	A	functional	<u>incremental</u>	<u>demo</u>	<u>un-verified</u>	The WKBCH CI shall have the capability to send Product Requests to the NOAA SAA.
S-CLS-17060	New	A	functional	<u>incremental</u>	<u>demo</u>	<u>un-verified</u>	The WKBCH CI shall support the selection of metadata using “and” and “or” boolean operators
S-CLS-17070	New	A	functional	<u>incremental</u>	<u>demo</u>	<u>un-verified</u>	The WKBCH CI shall support the selection of metadata using relational operators for spatial and temporal search parameters.
S-CLS-17080	New	A	functional	<u>incremental</u>	<u>demo</u>	<u>un-verified</u>	The WKBCH CI shall provide the capability to abort any time-intensive operations.
S-CLS-17085	New	A	functional	<u>incremental</u>	<u>demo</u>	<u>un-verified</u>	The GTWAY CI shall provide the capability to receive Abort requests

								<u>from the ECS Client using Version 0 system protocols.</u>
S-CLS-18000	New	A	<u>functional</u>	<u>incremental</u>	<u>demo</u>	<u>un-verified</u>		The WKBCH CI shall have the capability to send <u>Inventory Search Requests</u> using Version 0 system protocols.
S-CLS-18010	New	A	<u>functional</u>	<u>incremental</u>	<u>demo</u>	<u>un-verified</u>		The WKBCH CI shall have the capability to receive <u>Inventory Search Request Results</u> using Version 0 system protocols.
S-CLS-18020	New	A	<u>functional</u>	<u>incremental</u>	<u>demo</u>	<u>un-verified</u>		The WKBCH CI shall have the capability to send <u>Directory Search Requests</u> using Version 0 system protocols.
S-CLS-18030	New	A	<u>functional</u>	<u>incremental</u>	<u>demo</u>	<u>un-verified</u>		The WKBCH CI shall have the capability to receive <u>Directory Search Requests results</u> using Version 0 system protocols
S-CLS-18040	New	A	<u>functional</u>	<u>incremental</u>	<u>demo</u>	<u>un-verified</u>		The WKBCH CI shall have the capability to send <u>Browse Search Requests</u> using Version 0 system protocols.
S-CLS-18045	New	A	<u>functional</u>	<u>incremental</u>	<u>demo</u>	<u>un-verified</u>		The WKBCH CI shall have the capability to receive <u>Browse Search Requests Results</u> using Version 0 system protocols.
S-CLS-18050	New	A	<u>functional</u>	<u>incremental</u>	<u>demo</u>	<u>un-verified</u>		The WKBCH CI shall have the capability to send <u>Product Requests</u> using Version 0 system protocols.
S-CLS-18070	New	A	<u>functional</u>	<u>incremental</u>	<u>demo</u>	<u>un-verified</u>		The WKBCH CI shall acquire <u>request registration approval, user account priorities, and authorized user services</u> from the MSS when new ECS users accounts are requested.
S-DMS-31200	New	A	<u>functional</u>	<u>incremental</u>	<u>demo</u>	<u>un-verified</u>		The GTWAY CI shall use a standard query language (SQL) for data base management queries.
S-DMS-31220	New	A	<u>functional</u>	<u>incremental</u>	<u>demo</u>	<u>un-verified</u>		The GTWAY CI shall have the capability to insert the request priority in the inventory search request.

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Table 6 - Link Addition Table: This table identifies NEW links which are to be added to the RTM database.

RBR ID	L4 ID
<u>IMS-0040#A</u>	<u>S-CLS-16001</u>
<u>IMS-0040#A</u>	<u>S-CLS-16011</u>
<u>IMS-0040#A</u>	<u>S-CLS-16030</u>
<u>IMS-0060#A</u>	<u>S-CLS-18070</u>
<u>IMS-0070#A</u>	<u>S-CLS-16040</u>
<u>IMS-0085#A</u>	<u>S-CLS-16050</u>
<u>IMS-0100#A</u>	<u>S-CLS-16080</u>
<u>IMS-0100#A</u>	<u>S-CLS-16085</u>
<u>IMS-0120#A</u>	<u>S-CLS-01625</u>
<u>IMS-0120#A</u>	<u>S-CLS-01627</u>
<u>IMS-0130#A</u>	<u>S-DSS-00850</u>
<u>IMS-0130#A</u>	<u>S-DSS-00880</u>
<u>IMS-0290#A</u>	<u>S-DMS-31200</u>
<u>IMS-0320#A</u>	<u>S-IOS-00885</u>
<u>IMS-0320#A</u>	<u>S-DSS-10075</u>
<u>IMS-0320#A</u>	<u>S-DSS-04645</u>
<u>IMS-0340#A</u>	<u>S-DSS-04370</u>
<u>IMS-0380#A</u>	<u>S-CLS-18010</u>
<u>IMS-0380#A</u>	<u>S-CLS-18020</u>
<u>IMS-0460#A</u>	<u>C-MSS-57600</u>
<u>IMS-0460#A</u>	<u>C-MSS-57630</u>
<u>IMS-0460#A</u>	<u>C-MSS-57540</u>
<u>IMS-0500#A</u>	<u>S-CLS-10015</u>
<u>IMS-0500#A</u>	<u>S-PLS-00760</u>
<u>IMS-0510#A</u>	<u>S-CLS-01280</u>
<u>IMS-0510#A</u>	<u>S-CLS-10015</u>

<u>IMS-0510#A</u>	S-CLS-10350
<u>IMS-0510#A</u>	S-CLS-13570
<u>IMS-0510#A</u>	S-CLS-13710
<u>IMS-0510#A</u>	S-CLS-13720
<u>IMS-0550#A</u>	S-CLS-15670
<u>IMS-0620#A</u>	S-CLS-15610
<u>IMS-0620#A</u>	S-CLS-15620
<u>IMS-0620#A</u>	S-CLS-10015
<u>IMS-0620#A</u>	S-CLS-16990
<u>IMS-0620#A</u>	S-CLS-17000
<u>IMS-0620#A</u>	S-CLS-17010
<u>IMS-0620#A</u>	S-CLS-17020
<u>IMS-0620#A</u>	S-CLS-17030
<u>IMS-0620#A</u>	S-CLS-17040
<u>IMS-0620#A</u>	S-CLS-17050
<u>IMS-0620#A</u>	S-CLS-15730
<u>IMS-0620#A</u>	S-IOS-00080
<u>IMS-0625#A</u>	S-DMS-30360
<u>IMS-0625#A</u>	S-DMS-30368
<u>IMS-0625#A</u>	S-DMS-30370
<u>IMS-0625#A</u>	S-DMS-30361
<u>IMS-0625#A</u>	S-DMS-30365
<u>IMS-0625#A</u>	S-DMS-30369
<u>IMS-0625#A</u>	S-DMS-30384
<u>IMS-0625#A</u>	S-DMS-30388
<u>IMS-0625#A</u>	S-DMS-30400
<u>IMS-0625#A</u>	S-CLS-18000
<u>IMS-0625#A</u>	S-CLS-18010
<u>IMS-0625#A</u>	S-CLS-18020
<u>IMS-0625#A</u>	S-CLS-18030
<u>IMS-0625#A</u>	S-CLS-18040
<u>IMS-0625#A</u>	S-CLS-18045
<u>IMS-0625#A</u>	S-CLS-18050

<u>IMS-0625#A</u>	S-IOS-00080
<u>IMS-0630#A</u>	S-CLS-17060
<u>IMS-0630#A</u>	S-CLS-17070
<u>IMS-0665#A</u>	S-CLS-17080
<u>IMS-0665#A</u>	S-CLS-17085
<u>IMS-0740#A</u>	S-DSS-00220
<u>IMS-0740#A</u>	S-DSS-00220
<u>IMS-0740#A</u>	S-DSS-30710
<u>IMS-0740#A</u>	S-DSS-30400
<u>IMS-0760#A</u>	S-IOS-00020
<u>IMS-0760#A</u>	S-IOS-00040
<u>IMS-0760#A</u>	S-IOS-00050
<u>IMS-0760#A</u>	S-IOS-00120
<u>IMS-0760#A</u>	S-IOS-00390
<u>IMS-0760#A</u>	S-IOS-00400
<u>IMS-0760#A</u>	S-IOS-00410
<u>IMS-0760#A</u>	S-DSS-00850
<u>IMS-0760#A</u>	S-DSS-00860
<u>IMS-0760#A</u>	S-DSS-00870
<u>IMS-0760#A</u>	S-DSS-00880
<u>IMS-0760#A</u>	S-DSS-00950
<u>IMS-0760#A</u>	S-DSS-00960
<u>IMS-0780#A</u>	S_DSS-00025
<u>IMS-0810#A</u>	S-DMS-30400
<u>IMS-0810#A</u>	S-DMS-31220
<u>IMS-0860#A</u>	S-CLS-16990
<u>IMS-0860#A</u>	S-CLS-17000
<u>IMS-0860#A</u>	S-CLS-17010
<u>IMS-0860#A</u>	S-CLS-17020
<u>IMS-0860#A</u>	S-CLS-17030
<u>IMS-0860#A</u>	S-CLS-17040
<u>IMS-0860#A</u>	S-CLS-17050
<u>IMS-0860#A</u>	S-CLS-15730

<u>IMS-0860#A</u>	S-CLS-10015
<u>IMS-0860#A</u>	S-IOS-00080
<u>IMS-0870#A</u>	S-CLS-15610
<u>IMS-0870#A</u>	S-CLS-15620
<u>IMS-0870#A</u>	S-CLS-15730
<u>IMS-0870#A</u>	S-CLS-16990
<u>IMS-0870#A</u>	S-CLS-17000
<u>IMS-0870#A</u>	S-CLS-17010
<u>IMS-0870#A</u>	S-CLS-17020
<u>IMS-0870#A</u>	S-CLS-17030
<u>IMS-0870#A</u>	S-CLS-17040
<u>IMS-0870#A</u>	S-CLS-17050
<u>IMS-0880#A</u>	S-CLS-15610
<u>IMS-0880#A</u>	S-CLS-15620
<u>IMS-0880#A</u>	S-CLS-15730
<u>IMS-0880#A</u>	S-CLS-16990
<u>IMS-0880#A</u>	S-CLS-17000
<u>IMS-0880#A</u>	S-CLS-17010
<u>IMS-0880#A</u>	S-CLS-17020
<u>IMS-0880#A</u>	S-CLS-17030
<u>IMS-0880#A</u>	S-CLS-17040
<u>IMS-0880#A</u>	S-CLS-17050

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Table 7 - Link Deletion Table: This table identifies links which are to be deleted from the RTM database.

RBR ID	L4 ID
<u>IMS-0085#A</u>	S-CLS-10670
<u>IMS-0090#A</u>	S-CLS-15790
<u>IMS-0100#A</u>	S-CLS-01510

IMS-0100#A	S-CLS-01625
IMS-0100#A	S-CLS-01627
IMS-0100#A	S-CLS-01645
IMS-0550#A	S-CLS-10030
IMS-0550#A	S-CLS-10710
IMS-0550#A	S-CLS-10720
IMS-0550#A	S-CLS-10650
IMS-0550#A	S-CLS-10700
IMS-0550#A	S-CLS-10780
IMS-0550#A	S-DSS-00023
IMS-0550#A	S-DSS-03030
IMS-0550#A	S-DSS-03040
IMS-0550#A	S-DSS-03250
IMS-0550#A	S-DSS-03260
IMS-0550#A	S-DSS-03440
IMS-0550#A	S-DSS-03620
IMS-0550#A	S-DSS-04060
IMS-0550#A	S-DSS-04070
IMS-0550#A	S-DSS-04160
IMS-0550#A	S-DSS-04200
IMS-0550#A	S-DSS-04210
IMS-0550#A	S-DSS-04240
IMS-0550#A	S-DSS-04250
IMS-0550#A	S-DSS-10060
IMS-0550#A	S-DSS-00020
IMS-0550#A	S-DSS-03170
IMS-0550#A	S-DSS-03366
IMS-0550#A	S-DSS-03450
IMS-0550#A	S-DSS-03540
IMS-0550#A	S-DSS-03580
IMS-0550#A	S-DSS-03630
IMS-0550#A	S-DSS-03210
IMS-0550#A	S-CLS-10642

IMS-0550#A	C-CSS-46010
IMS-0550#A	C-CSS-46020
IMS-0550#A	C-CSS-46030
IMS-0550#A	C-CSS-46040
IMS-0550#A	C-CSS-46050
IMS-0550#A	C-CSS-46060
IMS-0550#A	C-CSS-46070
IMS-0550#A	C-CSS-46080
IMS-0550#A	C-CSS-46090
IMS-0620#A	S-CLS-15650
IMS-0740#A	S-DSS-01630
IMS-0740#A	S-DSS-01640
IMS-0740#A	C-CSS-40140
IMS-0760#A	S-DSS-30030
IMS-0760#A	S-DSS-30060
IMS-0860#A	S-CLS-15630
IMS-0860#A	S-CLS-15640
IMS-0870#A	S-DMS-30540